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PATENT, TRADEMARK
AND COPYRIGHT LAW
FACSIMILE: (703) 684-1120

17302 U.S. PTO
10/31/868



13281 U.S. PTO

Date: March 30, 2004

Attorney Docket No. TSM-38

CUSTOMER NO. 24956

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir: Transmitted herewith for filing is the patent application of:

Inventor: Y. KANEDA et al (see attached)

For:
MANAGEMENT COMPUTER AND METHOD OF
MANAGING DATA STORAGE APPARATUS

Enclosed are:

- ☒ 20 Sheets of Drawings
- ☒ This application is being filed without an executed Declaration.
- ☒ Priority is claimed from Japanese Application No. 2004-015313 (which is hereby
filed January 23, 2004. ☐ A certified copy is attached herewith. incorporated
Copies of the disclosure documents listed on the attached PTO 1449 form and by reference
☐ discussed in the specification or ☐ attached Information Disclosure Statement.
- ☐ Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- ☒ Specification: Abstract X, Description 55 pages; and 20 claim(s).
- ☐ Preliminary Amendment.
- ☐ Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	20 - 20 = *	0
Indep Claims	6 - 3 = *	3
<input type="checkbox"/> Multiple Dependent Claim (s)		

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 258.
+ 280	\$ 0
Total	\$ 1,028.

* If difference is less than zero
then enter '0' in second column

- ☒ A check or credit card payment form in the amount of \$ 1,028.00 is enclosed for the filing fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,298

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